



IN REPLY
REFER TO:

3100
O&G

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

RECEIVED DEC 10 1984

JPT
Well File

December 5, 1984

John P. Lockridge Operator, Inc.
1444 Wazee Street, Suite 218
Denver, CO 80202

Re: Application for Permit to Drill
Well # 34-22
Sec. 22, T6S, R22E
Lease No. U-28927

The referenced application was received on December 4, 1984.

Your application was administratively complete.

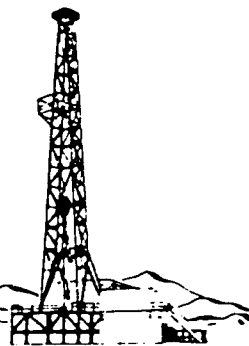
As part of the approval process, your application will be reviewed for technical adequacy and proposed surface mitigation. Personnel in the respective Resource Area Offices have, or will, coordinate a joint onsite inspection with you to review the surface use plan and to identify any special surface or subsurface concerns we may have. During this portion of the approval process, you may be required to furnish additional information.

Once your application is determined administrative and technically complete, final approval will be issued from this office.

Sincerely,

Assistant District Manager
Minerals

JOHN P. LOCKRIDGE
PETROLEUM GEOLOGIST



1444 WAZEE STREET, SUITE 218 • DENVER, COLORADO 80202 • (303) 628-9371

To: Bureau of Land Management

Vernal, Utah

Date: December 4, 1984

Subject: Application for Permit to Drill
John P. Lockridge Operator, Ir
#34-22 Horseshoe Bend Federal
SW SE Sec. 22-T6S-R22E
Uintah Co., Utah
Fed. Lease U-28927

Gentlemen:

An APD for the drilling of the subject well is enclosed. The lease on which this
well is being drilled is due to expire on 12/31/84. Per the discussion we have had
with BLM personnel in Vernal, we will drill the surface hole and set surface pipe
in late December utilizing a "spudder rig". A rotary rig capable of drilling to
the total projected depth of 3800 feet will be moved onto the location during
January 1985, and normal drillin and evaluation will be conducted in a diligent
and workmanlike manner. It is our understanding that if operations are conducted
in this manner, ^{and} rentals properly tendered to the BLM, the BLM will approve a

Reply ☐ two year extension of lease U-28927.

No Reply ☐

John P. Lockridge
Signature

JOHN P. LOCKRIDGE OPERATOR, INC.

December 6, 1984

RECEIVED
DEC 07 1984

Utah Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

**DIVISION OF
OIL, GAS & MINING**

Re: Application for Permit to Drill
John P. Lockridge Operator, Inc.
#34-22 Horseshoe Bend Federal
SWSE Section 22-T6S-R22E
Uintah Co., UT


Gentlemen:

An Application for Permit to Drill the subject well on Federal Lease No. U-28927 has been submitted to the BLM Vernal office, and is submitted herewith for consideration by the Division of Oil, Gas and Mining.

Water for the drilling of this well will be obtained from the Green River under the terms of temporary permit T60538, 49-1345, applied for by Target Trucking of Vernal, Utah.

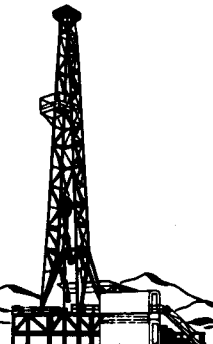
Your early approval of this application is requested because of the expiration on December 31, 1984, of the primary term of U-28927. Please contact us by phone (303-628-9371) if any additional information is needed.

Respectfully submitted,


John P. Lockridge

cc: BLM Vernal
Attn: M. Hermann

Enclosure: APD and attachments
Memo to BLM dated 12/4/84



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-28927	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME —	
2. NAME OF OPERATOR JOHN P. LOCKRIDGE OPERATOR, INC			7. UNIT AGREEMENT NAME —	
3. ADDRESS OF OPERATOR 1444 WAZEE, SUITE 218 DENVER CO. 80202 303+628-9371			8. FARM OR LEASE NAME HORSESHOE BEND FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface SW SE (544' FSL & 2005' FEL) SEC. 22-T6S-R22E, 5LM At proposed prod. zone			9. WELL NO. 3A-22	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18.3 MI. SE OF VERNAL, UTAH			10. FIELD AND POOL, OR WILDCAT WILDCAT	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 544'		16. NO. OF ACRES IN LEASE 880	17. NO. OF ACRES ASSIGNED TO THIS WELL 640	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5290'		19. PROPOSED DEPTH 3900' <i>Unit</i>	20. ROTARY OR CABLE TOOLS ROTARY	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5040 GR; 5052 KB			22. APPROX. DATE WORK WILL START* 12/28/84	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	110 sacks
7 7/8"	4 1/2"	9.5#	T.D.	260 sacks

PROPOSAL: TO DRILL A TEST WELL THROUGH THE UTAH FORMATION

RECEIVED
DEC 07 1984

SEE ATTACHED:

- 1) TEN POINT DRILLING PROGRAM.
- 2) MULTIPOINT SURFACE USE AND OPERATION PLAN.
- 3) CULTURAL RESOURCE SURVEY REPORT.

DIVISION OF
OIL, GAS & MINING

ANTICIPATED BHP IS 1300 PSI *JK*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *John P. Lockridge* TITLE PRESIDENT DATE 12/4/84
(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

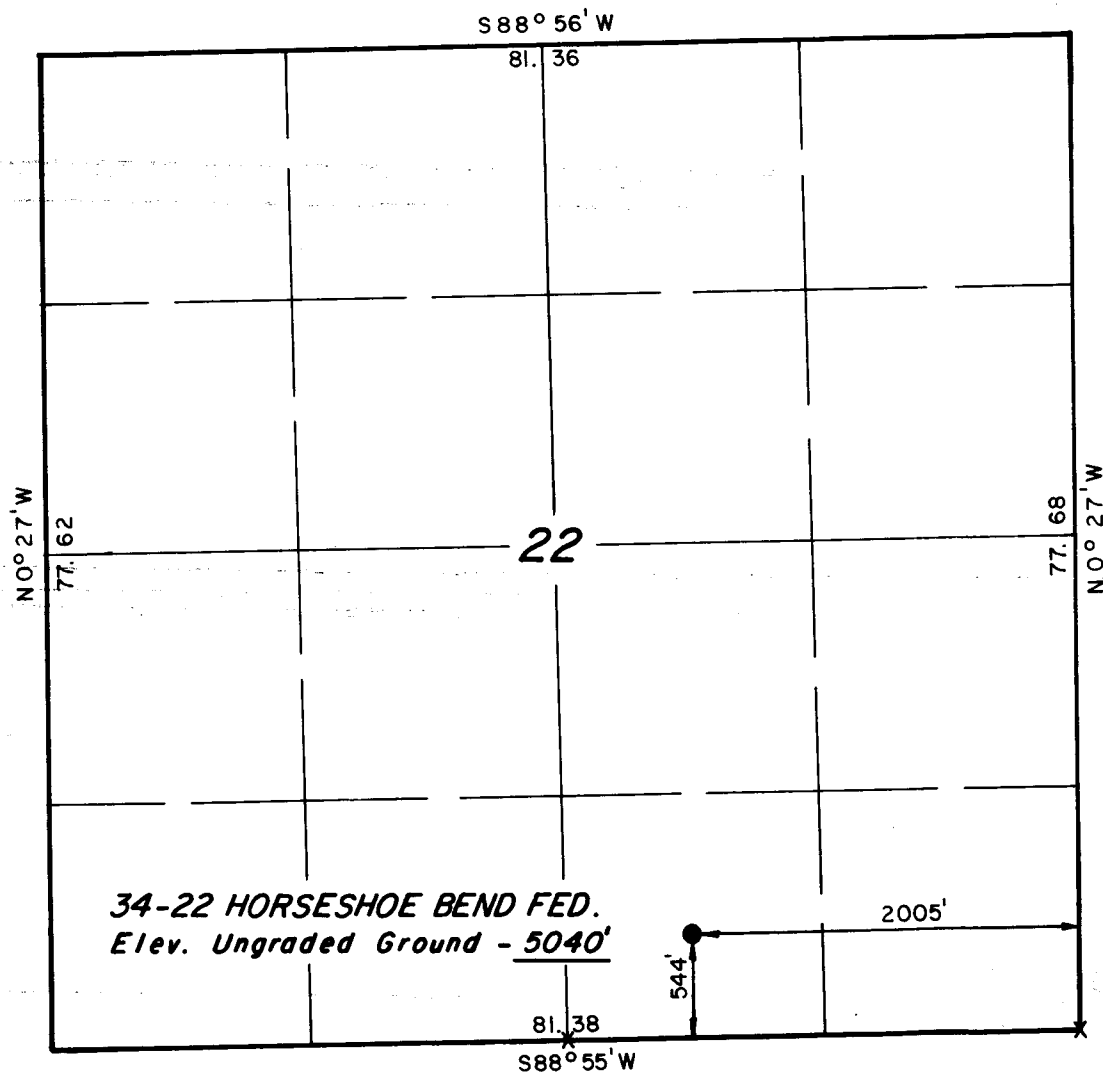
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12/13/84
BY: *John R. Bann*

*See Instructions On Reverse Side

T6S , R22E , S.L.B.&M.

PROJECT
JOHN LOCKRIDGE , OPERATOR , INC.

Well location, **34-22 HORSESHOE BEND FED.**, located as shown in the SW 1/4 SE 1/4 Section 22, T6S, R22E, S.L.B. & M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Lawrence E. Kuy
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11/28/84
PARTY	JK JF JM RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	LOCKRIDGE

THIRTEEN POINT SURFACE USE PLAN

1) EXISTING ROADS

See attached topographic maps A & B. Directions: take Highway 40 south from Vernal, approximately one mile to point where Highway 40 veers east. Take "New Bonanza" highway south approximately 17 miles to access road on northeast, or left side of highway. The location is approximately 1½ miles NE of the highway and adjacent to an existing "jeep trail".

2) PLANNED ACCESS ROAD

See attached topographic map B. It will be necessary to construct approximately 50 feet of new road to connect the existing road with the proposed location. Construction of the new road will meet the following standards.

Maximum grade should not exceed 7% (7' per 100). The trail will be a maximum of an 18" crown road (9' on either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run off from any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

No major cuts or fills appear necessary. No culverts will be needed. See Topo Map B.

The grade of this road will be constructed from native borrow accumulated during construction.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements with a new gate installed at one end of the cattleguard.

Onsite inspection field comments:

3) LOCATION OF EXISTING WELLS

Within a one mile radius the following wells are identified by category and listed below.

1. Water wells - none
2. Abandoned wells - none
Dry holes - None
3. Temporarily abandoned wells - none
4. Disposal wells - none
5. Drilling wells - none
Locations:
6. Producing wells - None
7. Shut-in wells - none
8. Injection wells - none
9. Monitoring or observation wells - none

4) LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no John P. Lockridge Operator, Inc. batteries, production facilities, oil gathering lines, gas gathering lines, injection or disposal lines within a two mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with the native materials and if these materials are not available, then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The rehabilitation of the disturbed area that is not required for the production of this well will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

If production facilities are necessary, these facilities will be constructed as shown in Figure 1.

4) Onsite inspection field comments:

5) LOCATION AND TYPE OF WATER SUPPLY

Water will be hauled from the Green River by truck. Application has been made for a state water permit.

The existing roads and proposed roads previously noted will be all that are needed. No water well will be drilled for this operation.

Onsite inspection field comments:

6) SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required the appropriate actions will be taken to acquire them from private sources.

7) METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

The mud pit will be approximately 6 deep and at least one half of this depth shall be below the surface of the existing ground.

A test tank will be used to contain produced fluids.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the mud pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, domestic animals.

On the onset of drilling, the mud pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the mud pit dries and the reclamation activities commence, the pit will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

Trash will be placed in a completely enclosed container and hauled off the location.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical toilet will be supplied for human waste.

8) ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9) WELL SITE LAYOUT

See attached Location Layout Sheet. The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area. Then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10) PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9.) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

As mentioned in Item #7, the mud pit will be completely fenced and wired and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin as soon as possible after the mud pit has dried up, and will be completed without undue delay.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11) OTHER INFORMATION

The drillsite is located in an area of moderate slope (see cross section). The Surface is the Uinta formation, light brown sandy clay with sparse sagebrush cover. There are no trees on the proposed location.

General use of the surface is grazing. The new road and location are federally owned.

An archeological report will be filed on this prospect under separate cover.

The closest water is located in the Green River.

John P. Lockridge Operator, Inc.
#34-22 Horseshoe Bend Federal
SW SE Section 22-T6S-R22E
Uintah Co., Utah

11) Onsite inspection field comments:

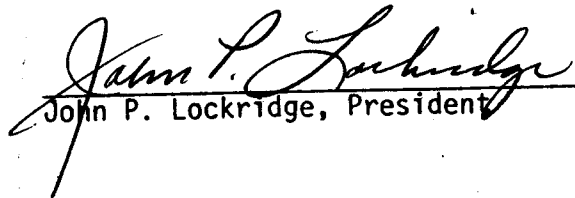
12) LESSEE'S OR OPERATOR'S REPRESENTATIVE

John P. Lockridge
1444 Wazee, Suite 218
Denver, Co 80204

Telephone - 303-628-9371

13) CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route. That I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by John P. Lockridge Operator, Inc., and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.


John P. Lockridge, President

JOHN LOCKRIDGE, OPERATOR, INC.

34-22 HORSESHOE BEND FED.

PROPOSED LOCATION

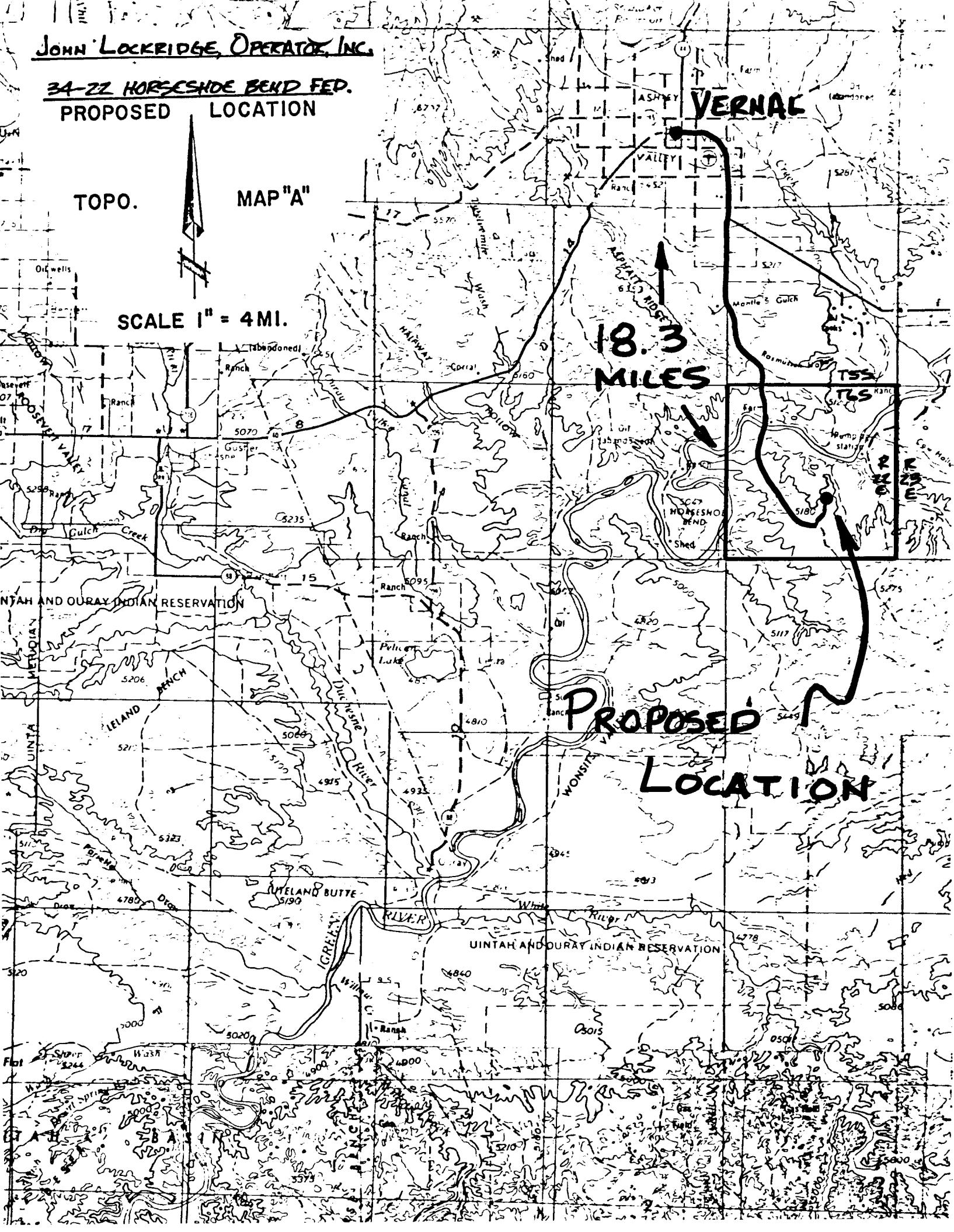
TOPO.

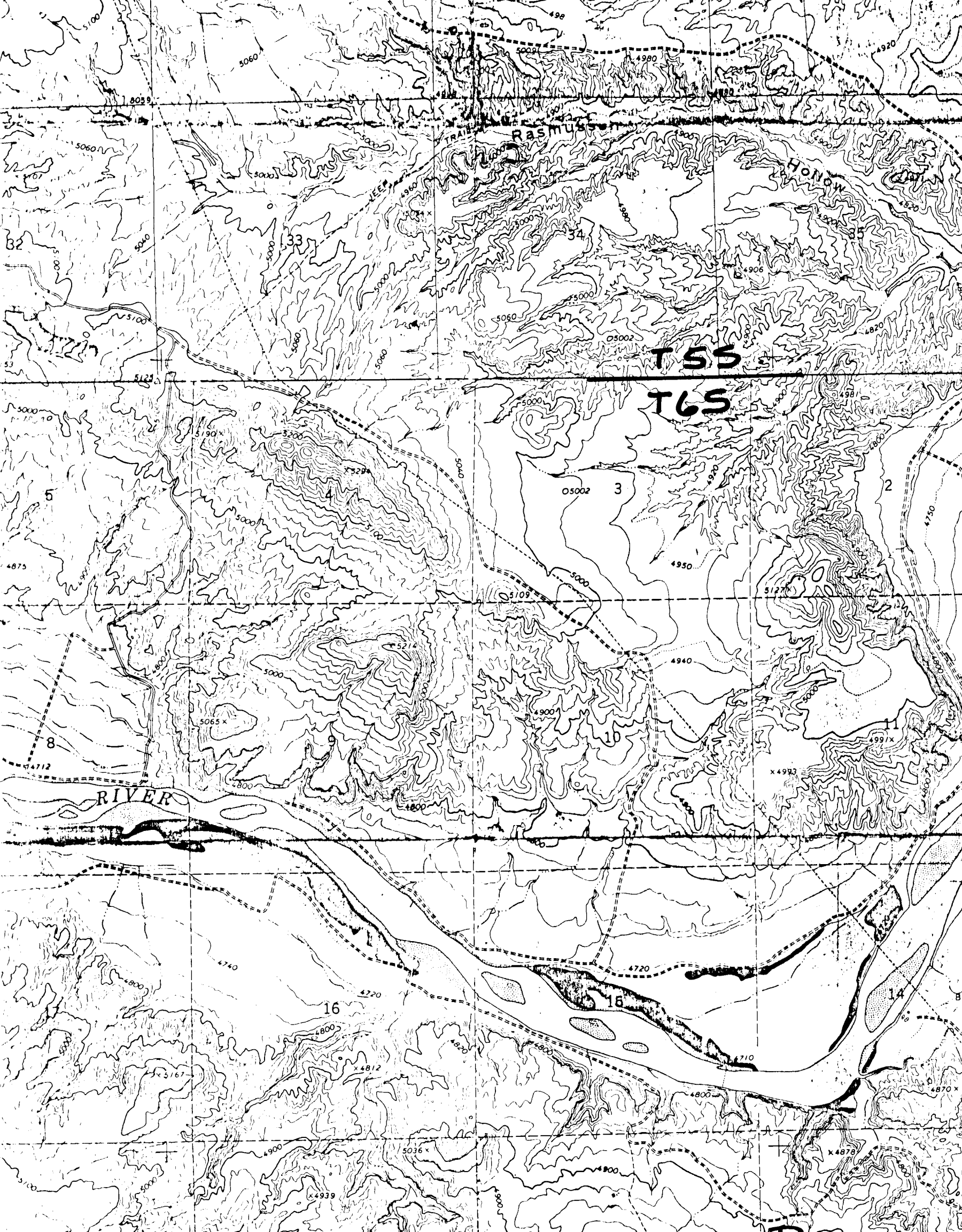
MAP "A"

SCALE 1" = 4 MI.

18.3
MILES

PROPOSED
LOCATION





JOHN LOCKRIDGE, OPERATOR, INC.

34-22 HORSESHOE BEND FED.

PROPOSED LOCATION

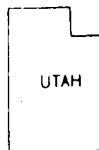
TOPO.

MAP "B"

SCALE 1" = 2000'

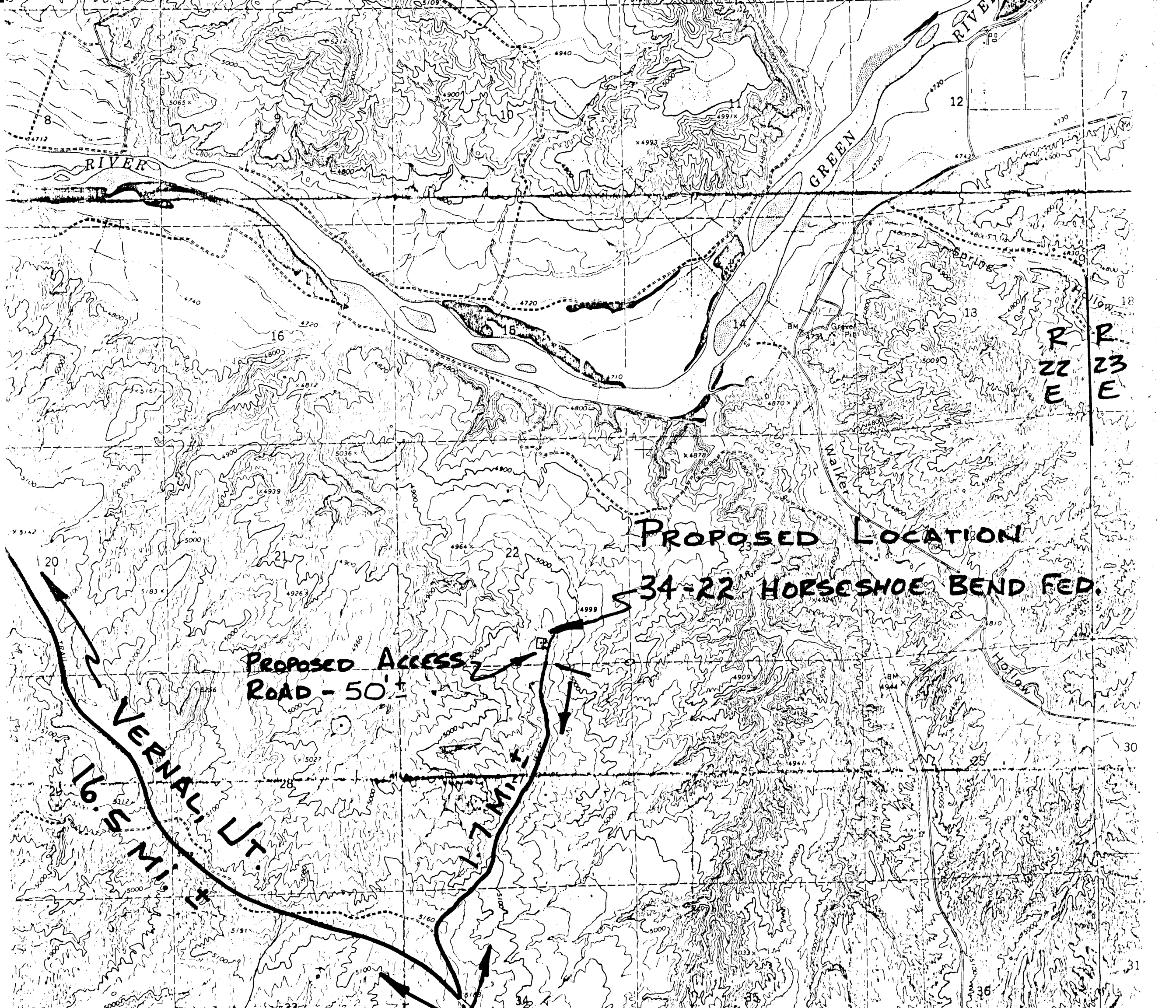
ROAD CLASSIFICATION

Light duty road, all weather, Improved surface
Unimproved road fair or dry weather



UTAH
QUADRANGLE LOCATION

R
22
E
R
23
E

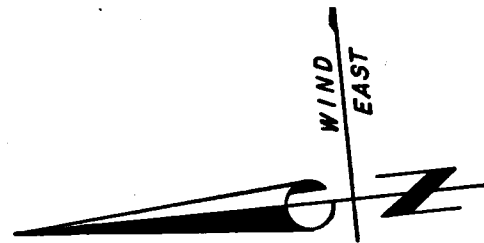


PROPOSED LOCATION
34-22 HORSESHOE BEND FED.

PROPOSED ACCESS
ROAD - 50'±

16.1 MI. VERNAL UT.

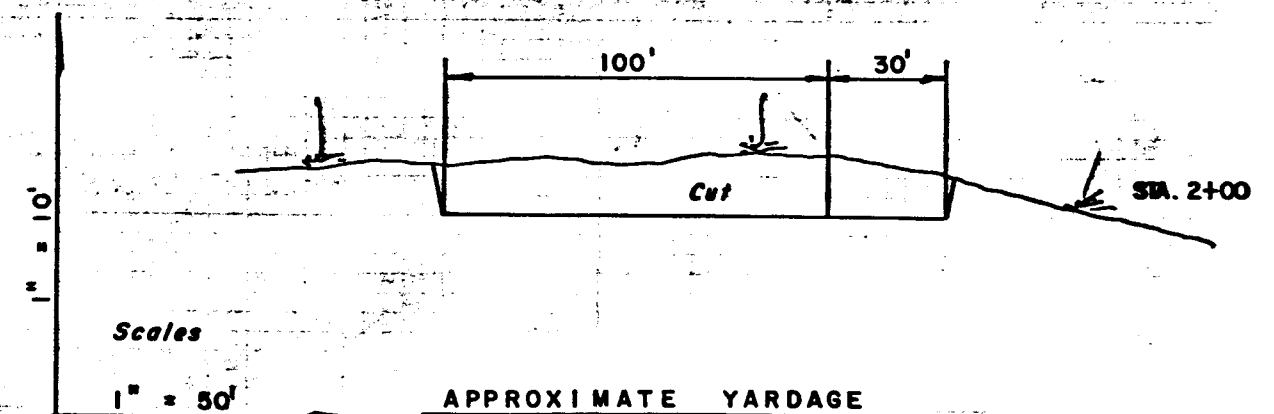
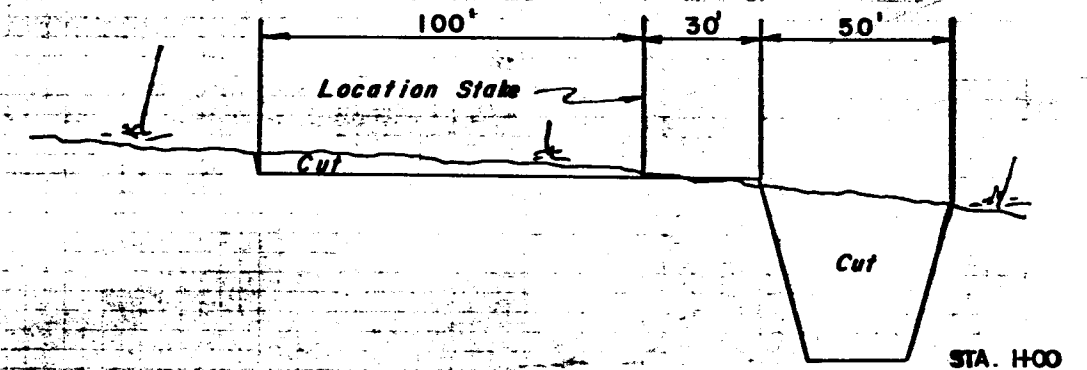
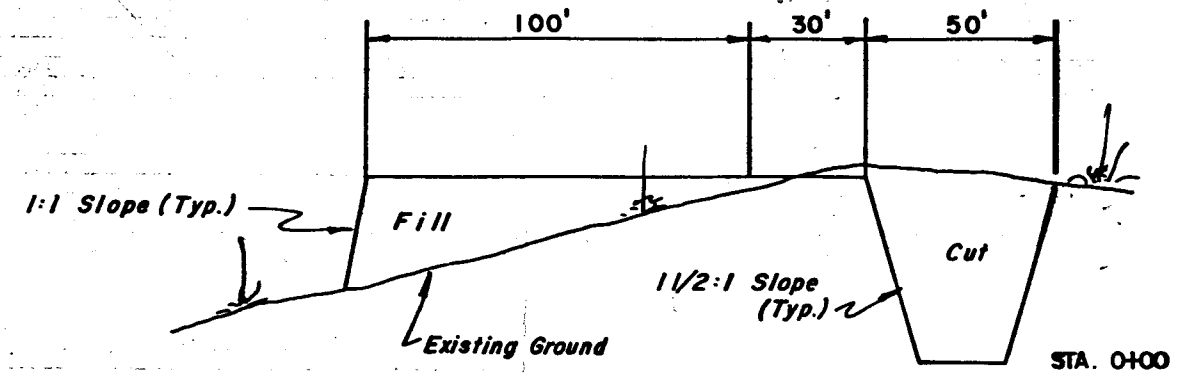
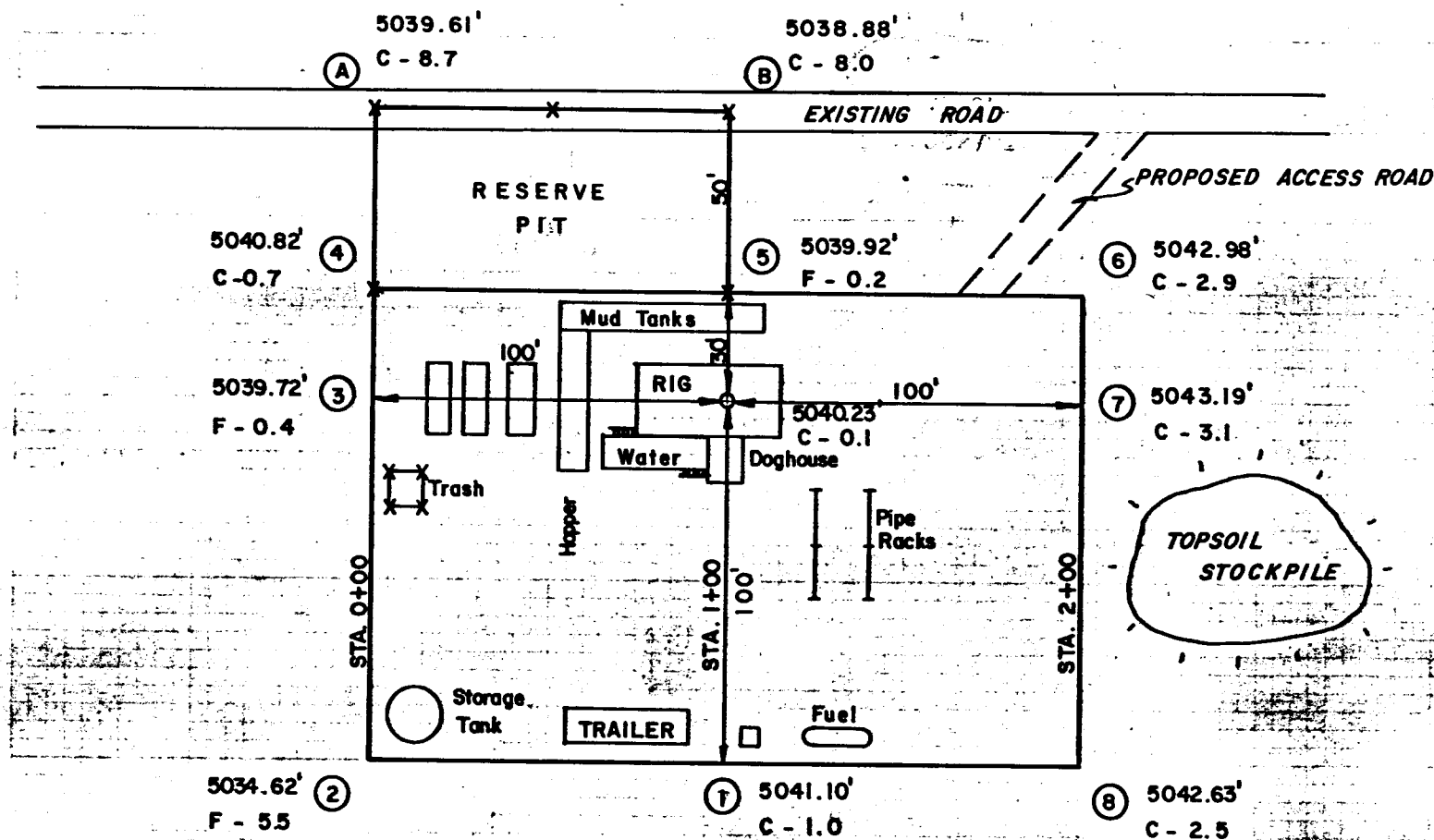
1.7 MI.



SCALE : 1" = 50'
DATE : 11/29/84

JOHN LOCKRIDGE, OPERATOR, INC.

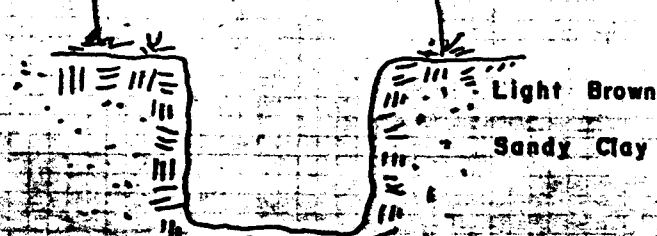
34-22 Horseshoe Bend Fed.



Cu. Yds. Cut = 2490
Cu. Yds. Fill = 725

SOILS LITHOLOGY

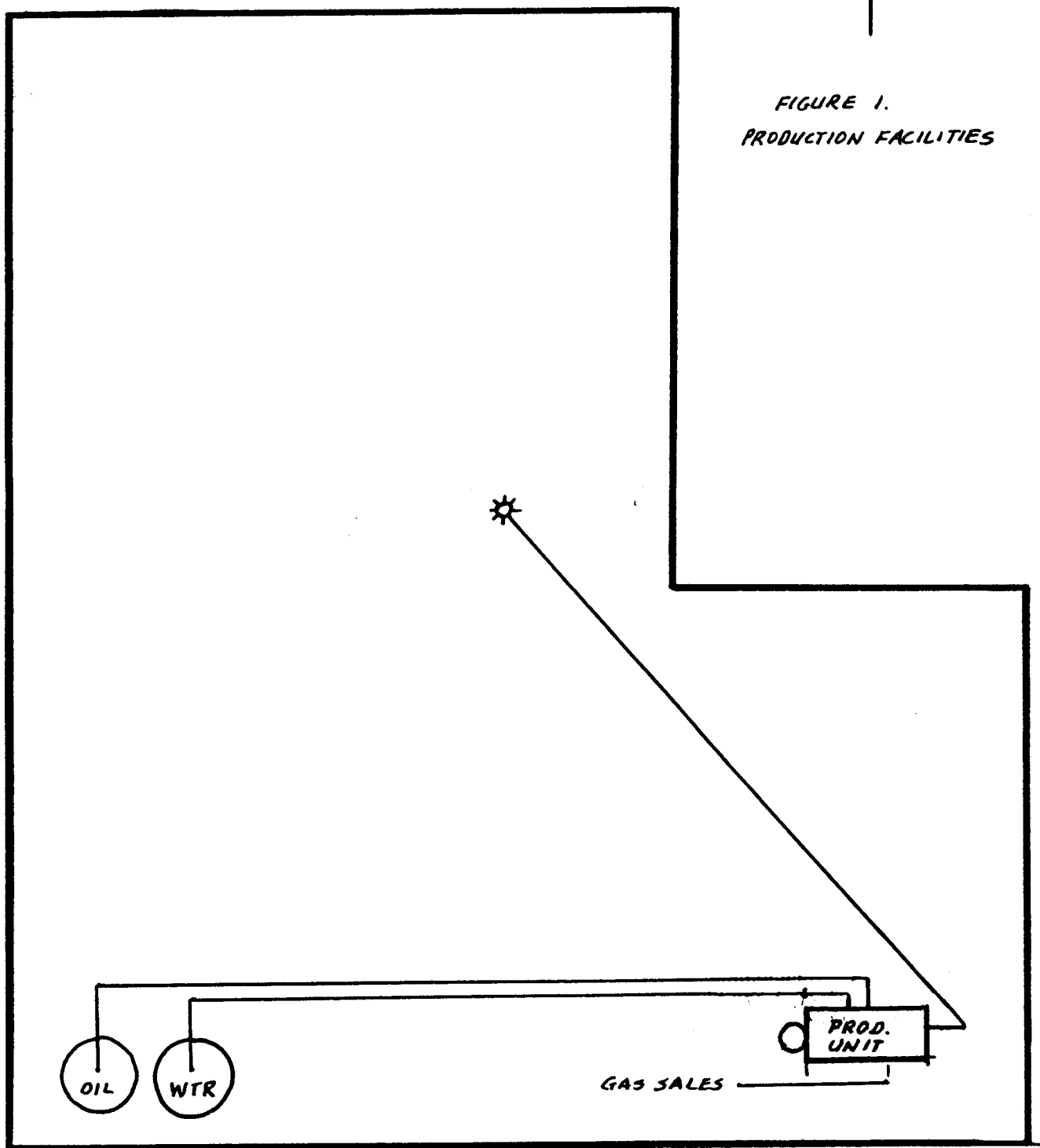
- No Scale -



JOHN P. LOCKRIDGE OPERATOR, INC
HORSESHOE BEND FEDERAL #34-22
SW SE SEC. 22-T6S-R22E, UTAH CO., UTAH



FIGURE 1.
PRODUCTION FACILITIES



TEN POINT PROGRAM

1) GEOLOGIC SURFACE FORMATION

The surface formation is Uinta.

2 & 3) GEOLOGIC MARKERS AND PRODUCTIVE INTERVALS

<u>Formation</u>	<u>Estimated Top</u>	<u>Possible Production</u>
Uinta "B" Marker	3300	
Uinta Green River Transition	3700	H
T. D.	3800	

W = Water H = Hydrocarbon (oil or gas) C = Coal S = Steam

4) CASING PROGRAM

<u>Hole Size</u>	<u>Casing Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Thrd & Cond</u>	<u>Depth</u>
12 1/4	8 5/8"	H-40	24.0	STC	200'
7 7/8"	4 1/2"	J-55	9.5	STC	TD

5) CONTROL EQUIPMENT SPECIFICATIONS

The following equipment will be utilized for detection and control during the drilling operation.

BLOW OUT PREVENTORS

Size 8" Pressure Rating 3000 psi

Pipe Rams yes Blind Rams yes

Annular Preventor yes

Kill Line Size 2" x 3000 psi Valves 2" x 3000 psi

Check Valve 2" x 3000 psi

Manifold

Size 3" Valves 3" x 3000 Pressure 3000 psi

Positive choke yes Adjustable Choke yes

See Exhibit I attached for additional detail. BOP Equipment will be installed prior to drilling below 8 5/8" casing and BOP will be tested to 1500 psi using rig pump. Surface casing will be tested to 70% of internal yield.

6) DRILLING FLUIDS

<u>Interval</u>	<u>Type Fluid</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss</u>	<u>Remarks</u>
0-200'	Polymer	8.6 - 8.7	45	10 cc	
200-TD	Polymer (Gendrill and Staflo)	8.6 - 8.7	45	10 cc	

Possible Sub Normal Pressured Zones Green River

Possible Abnormal Pressured Zones None

7) AUXILIARY EQUIPMENT

Upper Kelly Cock no

Lower Kelly Cock no

Floor Valve DP yes

Floor Valve DC yes

Float in DC yes

Inside BOP (Dart Valve) no

ADDITIONAL DETECTION EQUIPMENT & SERVICE

Mud Logging Unit yes

Pit Volume Totalizer no

Flow Line Sensor no

Flow Line Temperature no

Sour Gas Detector no

Pump Stroke Counter no

John P. Lockridge Operator, Inc.
#34-22 Horseshoe Bend Federal
SW SE Section 22-T6S-R22E
Uintah Co., Utah

Degasser _____ no _____

Mud Gas Separator _____ no _____

Drilling Data Unit _____ no _____

Other The mud system will be visually monitored

8) EVALUATION

A) Testing

All significant hydrocarbon shows will be drill stem tested. There will probably be 2 to 4 DST's.

B) Logging

<u>Depth</u>	<u>Electric Wireline Logs</u>	<u>Interval</u>
Total Depth	DIL/GR, FDC/CNL	200'-TD

C) Coring

<u>Formation</u>	<u>Type Core</u>	<u>Analysis</u>
none		

9) DRILLING HAZARDS

No extraordinary hazards are anticipated.

10) STARTING DATE 12/28/84 DURATION 8 DAYS.

DRILLING PROGRAM PREPARED BY: JOHN P. LOCKRIDGE

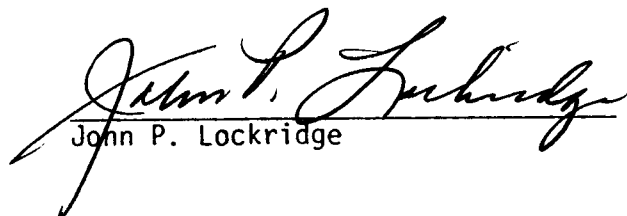
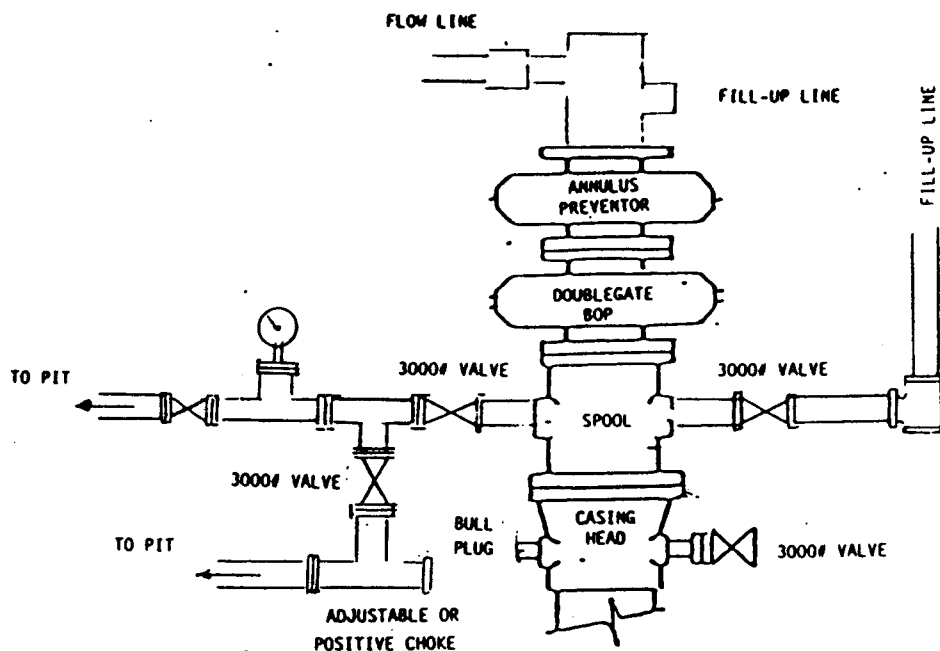

John P. Lockridge

EXHIBIT 1

Sketch of Blowout Preventor
3000 psi System



Note: Pipe rams to be operated daily. Blind rams to be operated each trip.

Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test as following to rated pressure:
 - a) inside blowout preventer
 - b) annulus preventer
 - c) double gate
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.

OPERATOR John P. Lockridge, Inc DATE 12-11-84
WELL NAME Horseshoe Bend Fld #3422
SEC SWSE 22 T 6S R 22E COUNTY Utah

43-047-31589
API NUMBER

Fld
TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other wells within 4960'

Water X - 49-1345 (T 60538) Target Cracking

APPROVAL LETTER:

SPACING:



A-3

UNIT



c-3-a

CAUSE NO. & DATE



c-3-b



c-3-c

STIPULATIONS:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 13, 1984

John P. Lockridge Operator, Inc.
1444 Wazee, Suite 218
Denver, Colorado 80202

Gentlemen:

Re: Well No. Horseshoe Bend Federal #34-22 - SW SE Sec. 22, T. 6S, 22E
544' FSL, 20005' FEL - Uintah County, Utah

Approval to drill the above referenced gas well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

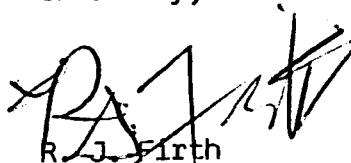
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.

John P. Lockridge Operator, Inc.
Well No. Horseshoe Bend Feeral #34-22
December 13, 1984
Page 2

4. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31589.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. J. Firth', is written over a faint, circular official stamp. The signature is stylized and slanted.

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE

170 South 500 East

Vernal, Utah 84078

IN REPLY
REFER TO:

3100

O&G

JAL
WELL FILE
LEASE FILE

December 27, 1984

John P. Lockridge, Operator, Inc.
1444 Wazee Street, Suite 218
Denver, CO 80202

Re: Application for Permit to Drill
Well #34-22
Section 22, T6S, R22E
Lease No. U-28927

Gentlemen:

The referenced application was received on December 4, 1984.

Your application is being returned due to the deficiencies listed below:

1. No archaeological clearance due to snow cover.

Due to the 30-day approval requirements we cannot process your application at this time. Please resubmit your application when these deficiencies have been corrected.

Sincerely,

Donald C. Alvord

Donald C. Alvord
Associate District Manager

JOHN P. LOCKRIDGE OPERATOR, INC.

COPY

December 10, 1984

Minerals Management Service
Box 5640
Denver, Colorado 80217

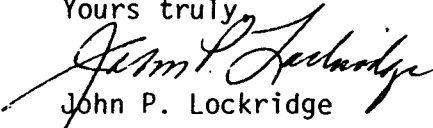
Re: Federal Lease U-28927
T6S-R22E, Section 22 & 27
Uintah County, Utah

Gentlemen:

A check in the amount of \$440.00 is submitted herewith in payment of rentals on Federal Lease U-28927 for the period from January 1 through December 31, 1985. The primary 10-year term of U-28927 expires on December 31, 1984. We plan to conduct drilling operations in a manner that will permit an extension of U-28927 for a two-year period. We have filed an Application for Permit to Drill (APD) with the BLM in Vernal, Utah, for a location in the SW SE Section 22-T6S-R22E. A discussion of the proposed drilling operation was held with Jarry Kenczka, a member of the BLM engineering staff in Vernal, and we anticipate approval of our APD and drilling program.

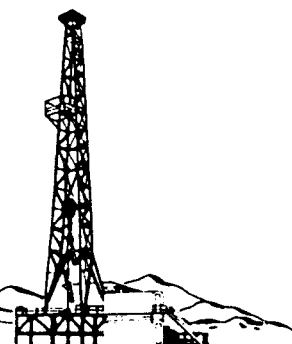
In view of the considerable investment we weill be making in drilling the above discussed well, we request confirmation from you that payment of this rental and diligent performance of the proposed drilling program, will result in an extension of U-28927 for a two-year period.

Yours truly,


John P. Lockridge

JPL/sl

Enclosure: APD #34-22 Horseshoe Bend Federal
cc: Robert Lopez, BLM, Salt Lake City, Utah
Jerry Kenczka, BLM, Vernal, Ytah





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

RECEIVED DEC 31 1984

JPL
WELL FILE #34-22
LEASE FILE

IN REPLY
REFER TO:
U-28927
Oil and Gas Lease

December 27, 1984

John P. Lockridge
John P. Lockridge, Operator, Inc.
1444 Wazee, Suite 218
Denver, CO 80202

Re: Horseshoe Bend Federal #34-22
Lease U-28927
Section 22, T6S, R22E

Dear Mr. Lockridge:

We regret that we have not been more prompt in responding to your requests with regards to expiring lease U-28927. We appreciate your diligent efforts with regard to the filing of the APD for well #34-22.

We are not able to approve the application due to archaeology requirements. Snow conditions in the area following a weekend storm December 8, have thwarted your repeated efforts to comply with these archaeology requirements.

If you wish to continue with operation of said lease, please file immediately a Sundry for Suspension of Operations and Production with the BLM Utah State Office for approval, and a copy to us for our files. Please submit this request before 12-31-84.

If you have questions concerning this submission contact Craig Hansen at (801) 789-1362.

Sincerely,

Craig Hansen
Assistant District Manager
for Minerals

RECEIVED JAN 7 1985

December 28, 1984


Mr. Robert Hendricks
Bureau of Land Management
136 E. S. Temple
SALT LAKE CITY, Utah
84111 USA

Dear Mr. Hendricks:

RE: Request for Relief from Operating
and Producing Requirements (43 CFR
Section 3165.1) Federal Lease
U-28927 T6S-R22E, Sections 22 and 27,
Uintah County, Utah

Regal U.S.A. Inc. as Lessee for U-28927 hereby requests
"relief from operating and producing requirements" 43 CFR,
Section 3165.1 based on the conditions and circumstances
as presented in the letter from John P. Lockridge to you
dated December 27, 1984.

Respectfully submitted,


Garnet M. Schulhauser
Secretary, Regal U.S.A. Inc.

/dah

cc Bureau of Land Management
170 S. 500 E.
Vernal, Utah
Attention: Mr. Craig Hanson

cc Bureau of Land Management
2370 S. 2300 West
Salt Lake City, Utah 84119
Attention: Mr. Robert Lopez

cc John P. Lockridge
Suite 218
1444 Wazee
Denver, Colorado 80202

JAN 22 1985



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
UTAH STATE OFFICE
324 SOUTH STATE, SUITE 301
SALT LAKE CITY, UTAH 84111-2303

IN REPLY REFER TO

3100
(U-922)

January 17, 1985

Regal U.S.A., Inc.
Canadian Life Tower, Suite 1600
736 6th Avenue S.W.
Calgary, Alberta T2P 3T7, Canada

RECEIVED JAN 21 1985

Re: Request for a Suspension of
Operations and Production for
Oil and Gas Lease U-28927

Gentlemen:

The referenced request was received in the Utah State Office of the Bureau of Land Management on December 31, 1984.

According to our records lease U-28927 has an expiration date of December 31, 1984.

On December 4, 1984, your representative, John P. Lockridge Operator, Inc., filed an Application for Permit to Drill (APD) with the Vernal District Office for approval.

On December 27, 1984, your representative was advised by telephone that the Vernal District Office was unable to approve his APD prior to December 31, 1984, because a cultural resource survey could not be made due to snow cover.

Accordingly, your request for a SOP for lease U-28927 is granted effective December 1, 1984, the first of the month in which the request was made, and will terminate on June 1, 1985.

Your representative should coordinate with the Vernal District Office concerning the timing of the required cultural survey and any subsequent approval of the APD.

Sincerely,

P. A. Henricks
Acting Chief, Branch of Fluid Minerals

1/22/85
XC to JPL

RECEIVED

FEB 11 1985

**DIVISION OF OIL
& GAS & MINING**

**U-28927
Oil and Gas Lease**

December 27, 1984

**John P. Lockridge
John P. Lockridge, Operator, Inc.
1444 Wazee, Suite 218
Denver, CO 80202**

**Re: Horseshoe Bend Federal #34-22
Lease U-28927
Section 22, T6S, R22E**

Dear Mr. Lockridge:

We regret that we have not been more prompt in responding to your requests with regards to expiring lease U-28927. We appreciate your diligent efforts with regard to the filing of the APD for well #34-22.

We are not able to approve the application due to archaeology requirements. Snow conditions in the area following a weekend storm December 8, have thwarted your repeated efforts to comply with these archaeology requirements.

If you wish to continue with operation of said lease, please file immediately a Sundry for Suspension of Operations and Production with the BLM Utah State Office for approval, and a copy to us for our files. Please submit this request before 12-31-84.

If you have questions concerning this submission contact Craig Hansen at (801) 789-1362.

Sincerely,

**Craig Hansen
Assistant District Manager
for Minerals**

GDarlington/CHansen/blc

3100
O&G

December 27, 1984

John P. Lockridge, Operator, Inc.
1444 Wazee Street, Suite 218
Denver, CO 80202

Re: Application for Permit to Drill
Well #34-22
Section 22, T6S, R22E
Lease No. U-28927

Gentlemen:

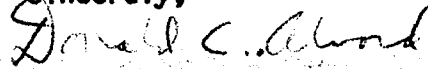
The referenced application was received on December 4, 1984.

Your application is being returned due to the deficiencies listed below:

1. No archaeological clearance due to snow cover.

Due to the 30-day approval requirements we cannot process your application at this time. Please resubmit your application when these deficiencies have been corrected.

Sincerely,



Donald C. Alvord
Associate District Manager

MHerrmann/blc

JOHN P. LOCKRIDGE OPERATOR, INC.

April 5, 1985

Mr. Craig Hansen
Assistant District Manager for Minerals
Bureau of Land Management
170 South 500 East
Vernal, Utah 84078

RECEIVED

APR 08 1985

DIVISION

Re: Application for Permit to Drill
John P. Lockridge Operator, Inc.
#34-22 Horseshoe Bend Federal
SW SE Section 22-T6S-R22E
Uintah County, Utah

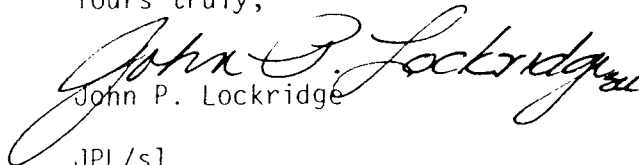
Dear Mr. Hansen:

We herewith resubmit an APD for the #34-22 Horseshoe Bend Federal along with a completed Cultural Resource Survey conducted by the Archeological-Environmental Research Corporation. An application for drilling this well was submitted to your office on December 4, 1984, but it was necessary for you to decline approval because snow cover precluded our obtaining the required Cultural Resource Survey. A field inspection was made, by Mr. Darlington of your office and our agent, Curley Grimlie during December, 1984.

Correspondence relative to a Suspension of Operations and Production for Lease U-28927 is attached for your information. It is requested you clarify a couple of points with regard to the date of June 1, 1985, on which the SOP expires. If we are active in drilling and or completing the #34-22 on June 1, 1985, is Lease U-28927 extended for a period of two years? Must we have a completed gas or oil well as of June 1, 1985, on Lease U-28927 to hold the lease.

Your review and action of the APD for the #34-22 Horseshoe Bend Federal is requested. Please advise us if additional information is needed.

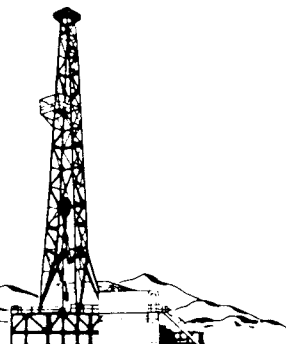
Yours truly,


John P. Lockridge

JPL/sl

enclosure

CC: R.A. Henricks, BLM, Salt Lake City
Robert Lopez, BLM, Salt Lake City
State of Utah Natural Resources ✓
Division of Oil Gas and Mining



RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

MAY 01 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DIVISION OF OIL
DRILLING

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

JOHN P. LOCKRIDGE OPERATOR, INC

3. ADDRESS OF OPERATOR

1444 WAZEE, SUITE 218 DENVER CO. 80202 303+628-9371

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

SW SE (544' FSL & 2005' FEL) SEC. 22-T65-R22E, 5LM

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18.3 MI. SE OF VERNAL, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

544'

16. NO. OF ACRES IN LEASE

880

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

5290'

19. PROPOSED DEPTH

3800'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5040 GR ; 5052 KB

22. APPROX. DATE WORK WILL START*

12/28/84 5/1/85

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24.0#	200'	110 sacks
7 7/8"	4 1/2"	9.5#	T.D.	260 sacks

PROPOSAL: TO DRILL A TEST WELL THROUGH THE LINTA FORMATION

SEE ATTACHED:

- 1) TEN POINT DRILLING PROGRAM.
- 2) MULTIPOINT SURFACE USE AND OPERATION PLAN.
- 3) CULTURAL RESOURCE SURVEY REPORT.

ANTICIPATED BHP IS 1300 PSI gpm

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

John P. Lockridge

TITLE PRESIDENT

DATE

12/4/84 4/4/85

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

L. H. Ferguson

TITLE

DISTRICT MANAGER

DATE

4/25/85

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

DIV OG & M
UT-1880-5-A-130

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company John P. Lockridge Operator, Inc. Well No. 34-22
Location Sec. 22 T6S R22E Lease No. U-28927
Onsite Inspection Date 12-10-84

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A. DRILLING PROGRAM

1. Estimated Depth of Anticipated Water, Oil, Gas, or Minerals

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

Prior to drilling out the surface casing shoe, the ram-type preventers shall be tested to 70 percent of the internal yield of the surface casing. The annular type preventer shall be tested to 1,500 psi.

BOP's will be operationally checked every 24 hours. Blind rams will be activated when a trip.

BOP and choke manifold systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

An upper kelly lock shall be utilized.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

4. Mud Program and Circulating Medium

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion reports shall be submitted to this office on a weekly basis.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).

6. Anticipated Starting Dates and Notifications of Operations:

Location construction: Soon after approval.
Spud date: Early May.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular work day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 3160-6 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of a District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

B. THIRTEEN POINT SURFACE USE PLAN

7. Planned Access Roads

After the rotation agreed upon at the onsite, it will be necessary to construct a small ramp from the existing road to enter the southeast corner of the location where there is approximately a 5-foot cut.

All travel will be confined to existing access road rights-of-way.

8. Location of Tank Batteries and Production Facilities

All permanent (on site for six months or longer) structures constructed or installed (including oil well pumpjacks) will be painted a flat, non-reflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5 State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the battery.

No tank battery is anticipated at this wellsite, gas is the primary objective and nearby wells have had very limited quantities of condensate encountered during recent testing.

No cattleguards will be required. The only fencing required will be that around the reserve pits or any pits approved for production facilities.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and anchored securely downstream of the meter. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter

measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

9. Source of Construction Material

The use materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

10. Methods of Handling Waste Disposal

The reserve pit will not be lined.

Burning will not be allowed.

Produced waste water will be confined to an unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance, and will be grounds for issuing a shut-in order.

11. Well Site Layout

The reserve pit will be located on the west side of the pad. The location was rotated 180° at the onsite to avoid having to reroute the existing road.

The stockpiled topsoil will be stored near the southwest corner of the pad. About 4-6" of topsoil from cut areas of the pad will be stockpiled there.

Access to the well pad will be from near the southeast corner. The existing road will cross the east edge of the pad.

A fence will be erected to keep vehicle traffic away from a nearby cultural resources site.

Reserve pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. Fencing will be on three sides during drilling operations and on the fourth side after the rig moves off this location.

12. Plans for Restoration of Surface

Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed.

If the wellsite is to be abandoned, then all disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage.

The following seed mixture will be used:

Western wheatgrass	2 lbs./acre
Crested wheatgrass	1 lb./acre
Smooth brome grass	2 lbs./acre
Yellow sweetclover	2 lbs./acre
Fourwing saltbush	2 lbs./acre

13. Other Information

Fencing of production facilities will not be required. No cattleguards will be needed for this project. Any approved disposal pits, reserve pits, or emergency pits will be adequately fenced during drilling or production operations.

There will be no deviation from the proposed drilling and/or work-over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

The dirt contractor will be provided with an approved copy of the surface use plan.

A suitable cultural resource clearance has been received for the project. If any cultural resources are found during construction, all work will stop and the AO will be notified.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

43-047-31589

NAME OF COMPANY: JOHN P LOCKRIDGE OPERATOR, INC

WELL NAME: Horseshoe Bend Federal 34-22

SECTION SW SE 22 TOWNSHIP 6S RANGE 22E COUNTY Uintah

DRILLING CONTRACTOR Lon Ross

RIG #

SPODDED: DATE 5-25-85

TIME 8:45 AM

HOW Rat Hole Digger

DRILLING WILL COMMENCE

REPORTED BY Farley Grinlie

TELEPHONE # 789-4200 Unit 8533

DATE 5-28-85 SIGNED Bill Moore

JOHN P. LOCKRIDGE OPERATOR, INC.

June 6, 1985

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078

RECEIVED

JUN 2 1985

DIVISION OF OIL
GAS & MINING

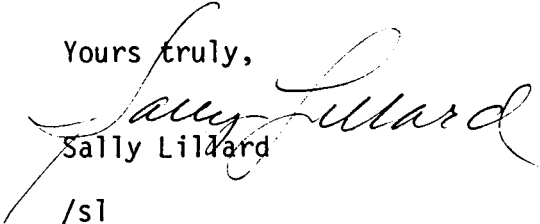
Re: John P. Lockridge Operator, Inc.
#34-22 Horseshoe Bend Federal
SW SE Section 22-T6S-R22E, SLM
Uintah County, Utah
Well Completion Report

Gentlemen:

Enclosed please find a Well Completion Report and Well History, for the captioned well

Your attention to this Well Completion Report is appreciated.

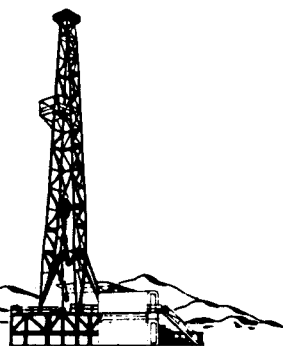
Yours truly,


Sally Lillard

/s/

enclosure

cc: State of Utah
Division of Oil Gas and Mining



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

3

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole		7. UNIT AGREEMENT NAME -----	
2. NAME OF OPERATOR John P. Lockridge Operator, Inc.		8. FARM OR LEASE NAME Horseshoe Bend Federal	
3. ADDRESS OF OPERATOR 1444 Wazee Street, Suite 218, Denver, Colorado 80202		9. WELL NO. 34-22	
4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements. See also space 17 below.) At surface SW SE Section 22-T6S-R22E, SLM		10. FIELD AND POOL, OR WILDCAT	
14. PERMIT NO. 43-047-31589		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5040' Gr., 5052' KB	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 22-T6S-R22E		12. COUNTY OR PARISH Uintah	
13. STATE Utah			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Work done on 6/4/85 as follows:

Plug from 3694-3494' with 60 sacks, type H, regular cement

Plug from 356-156' with 60 sacks, type H, regular cement

Plug from 93-30' with 25 sacks, type H, regular cement

Place 10 sacks at top of surface, and set regulation dry hole marker.

Plugging orders received from A. McKee of the U.S.G.S. at 1:45 AM, 6/4/84

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/14/85
BY: John P. Lockridge

President

18. I hereby certify that the foregoing is true and correct.
SIGNED John P. Lockridge TITLE
(This space for Federal or State office use)

DATE 6/5/85

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

JOHN P. LOCKRIDGE OPERATOR, INC.

June 5, 1985

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078

RECEIVED

JUN 07 1985

DIVISION OF OIL
GAS & MINING

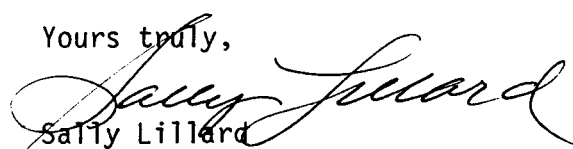
Re: John P. Lockridge Operator, Inc.
#34-22 Horseshoe Bend Federal
SW SE Section 22-T6S-R22E
Uintah County, Utah
Sundry Notice

Gentlemen:

Enclosed is a Sundry Notice for the captioned well notifying you of the plugging and abandonment of this well.

Your consideration and approval of this Sundry Notice will be appreciated.

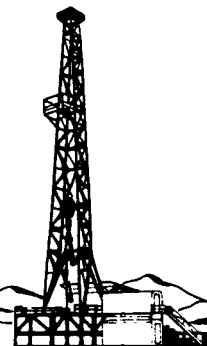
Yours truly,


Sally Lillard

/s/

enclosures

cc: State of Utah
Division of Oil Gas and Mining



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

15

WELL COMPLETION OR RECOMPLETION REPORT

RECEIVED

JUN 12 1985

DIVISION OF OIL
& MINING

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other _____
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other _____

2. NAME OF OPERATOR
John P. Lockridge Operator, Inc.

3. ADDRESS OF OPERATOR
1444 Wazee Street, Suite 218, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface SW SE Section 22-T6S-R22E, SLM
At top prod. interval reported below (544' FSL & 2005' FEL)
At total depth

14. PERMIT NO. 43-047-31589
DATE ISSUED 4/25/85

5. LEASE DESIGNATION AND SERIAL NO.

U-28927

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Horseshoe Bend Federal

9. WELL NO.

34-22

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

22-T6S-R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

15. DATE SPUDDED 5/25/85
16. DATE T.D. REACHED 6/2/85
17. DATE COMPL. (Ready to prod.) 6/4/85
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5040' GR., 5042' KB
19. ELEV. CASINGHEAD ----

20. TOTAL DEPTH, MD & TVD 3742'
21. PLUG, BACK T.D., MD & TVD ----
22. IF MULTIPLE COMPL., HOW MANY* ----
23. INTERVALS DRILLED BY ----
ROTARY TOOLS A11
CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
NONE
25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Schlumberger DILL, CNFD with micro log, and RFT
27. WAS WELL CORRED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	218' KB	12 1/4"	120 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
	DEPTH INTERVAL (MD)
	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
						DLA	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Well history, logs submitted directly by Schlumberger.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED John P. Lockridge TITLE President DATE 6/6/85

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No cores or drill stem tests	Uinta	Surface	
				Uinta "B" Marker	3217'	
				Green River-Transition	3676'	

38. GEOLOGIC MARKERS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIF
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS **RECEIVED**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		JUN 20 1985	
2. NAME OF OPERATOR John P. Lockridge Operator, Inc.		DIVISION OF OIL GAS & MINING	
3. ADDRESS OF OPERATOR 1444 Wazee Street, Suite 218, Denver, Colorado 80202		5. LEASE DESIGNATION AND SERIAL NO. U-28927	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SE Section 22-T6S-R22E, SLM		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
14. PERMIT NO. 43-047-31589		7. UNIT AGREEMENT NAME -----	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5040' Gr, 5052' KB		8. FARM OR LEASE NAME Horseshoe Bend Federal	
		9. WELL NO. 34-22	
		10. FIELD AND POOL, OR WILDCAT Wildcat	
		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA 22-T6S-R22E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilling of the subject well was commenced at 8:45 AM, 5/25/85. Drilled 12 1/4 hole to 232' KB with spudder rig. Ran 5 joints, 8 5/8", 24# new casing. Set at 218' KB. Cemented with 120 sacks, regular, type H cement with 3% CaCl. Good circulation. Plug down at 1:20 PM, 5/25/85.

18. I hereby certify that the foregoing is true and correct

SIGNED

John P. Lockridge

TITLE

President

DATE

6/1/85

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Report Date Activity

6/3/85 Drilling to T.D. at 3750'. Circulate and condition hole and mud for logs. Rig up Schlumberger. Begin logging. Hit bridge at 3358'. Rig down loggers. Trip in hole. Tight at 1470' and 1730'. Hit bridge at 3358'. Wash and ream from 3345' - 3449', and from 3655' to T.D. 7' of fill. Circulate and condition hole and mud. Trip out of hole. Waiting on Schlumberger.

Gas show #12	3681-3713' = 32'
Drilling rate	4 .2 4
Gas units	10 35 10
Gas show #13	3719-3734' = 15'
Drilling rate	4 .8 3
Gas units	10 20 10

6/4/85 Rig up Schlumberger. Log. Ran DILL, CNFD with micro log, and 3 runs RFT. Took 30 pressure tests and 6 samples. Loggers T.D. 3742'. Rig down Schlumberger. Wait on orders. Go in hole with drill pipe (open ended) to plug and abandon

6/5/85 Pick up 19 joints of drill pipe. Circulate hole at 3694'. Set plug from 3694-3494' with 60 sacks regular, type H cement by Halliburton. Set plug from 356-156' with 60 sacks regular type H cement. Set plug from 93' to 30' with 25 sacks regular type H cement. Breakdown BOP, clean pits. 10 sacks at surface. Rig released at 1700 hours, 6/4/85. Plugging orders received from A. McKee of the USGS at 1:45 AM 6/4/85.

DAILY REPORT

Lockridge et al #34-22 HORSESHOE BEND FEDERAL

Location: SW SE Section 22-T6S-R22E
 Uintah County, Utah

Elevation: 5040' Gr., 5042' KB

Contractor: Olsen Drilling Company, Rig No. 5

Report Date	Activity
-------------	----------

5/26/85	Move in, rig up Leon Ross Drilling Co., Rig No. 3. Air drill 12¼" hole to 232' KB. Spud at 08:45, 5/25/85. Ran 5 joints, new 8 5/8", 24#, STC casing. Overall measurement 210.4'. Set at 218' KB. Cemented with 120 sacks, regular, Type A with 3% CaCl. Cementing by Halliburton. Circulate 20 sacks to pit. Plug down at 13:20 hours. Rig drilled rat hole, mouse hole and two sanitation holes. Rig down Ross. Waiting on Olsen Drilling Rig #5.
5/27/85	Waiting on rotary tools.
5/28/85	Waiting on rotary tools.
5/29/85	Move in Olsen Drilling Rig 5 and related equipment. Rig up. Ponderosa Roustabout fenced 3 sides of reserve pit. Welded on 8 5/8" X 4½" slip joint well head. Started filling reserve pit.
5/30/85	Rig up rotary tool. Test blind rams, pipe rams and check manifold to 1500#. Held OK. Test hydril to 1000#. Held OK. Tag cement at 207'. Drill out cement. Survey: 1½° at 518'. Drilled to 588'. Drilling with water: wt 8.3, vis 27, water loss - no control, ph 8.
5/31/85	Drilled to 998', dropped survey - 2¼°. Drilled to 1501', dropped survey - 1½°. Drilling at 2030'. Drilling with water, wt 8.4, vis 27, ph 10.
6/1/85	Drilled to 3026'. 3/4° deviation at 2030'. Drilled with fresh water gel, vis of 36, water loss 12.8, solids 4.8, sand 1/4, gels 3/5. Mud loggers on at 2400' at 1300 hours. Background gas - 10 units, connection 15 units.
	Gas Show #1 2468-2481' = 13'
	Drilling rate 4 .6 1.5
	Gas Units 0 4 1
	Gas Show #2 2768-2786' = 18'
	Drilling rate 2 .8 1.5
	Gas units 0 45 10
	Gas show #3 2848-2856' = 8'
	Drilling rate 2 .8 2
	Gas units 10 30 15
	Gas show #4 3002-3006' = 4'
	Drilling rate 3 .2 3
	Gas units 10 15 10
6/2/85	Drilling to 3600'. Background gas - high 35, low 2 = average 5. Trip gas 15, Connection gas 10-25.
	Gas show #5 3062-3074 = 12'
	Drilling rate 2.5 .8 2.25
	Gas units 20 32 20
	Gas show #6 3132-3136' = 4'
	Drilling rate 2 .4 2
	Gas units 8 18 10
	Gas show #7 3181-3188' = 7'
	Drilling rate 2 1 2
	Gas units 5 10 5
	Gas show #8 3273-3284' = 11'
	Drilling rate 2.5 1 2.5
	Gas units 5 12 5
	Gas show#9 3489-3492' = 2'
	Drilling rate 2.5 1.25 2.5
	Gas units 5 9 5
	Gas show #10 3539-3542' = 3'
	Drilling rate 3 2.5
	Gas units 25 50 35
	Gas show #11 3556-3559' = 3'
	Drilling rate 2.75 .125 3
	Gas units 35 48 38

JOHN P. LOCKRIDGE OPERATOR, INC.

June 18, 1985

RECEIVED

JUN 20 1985

Bureau of Land Management
170 S. 500 E.
Vernal, Utah 84078

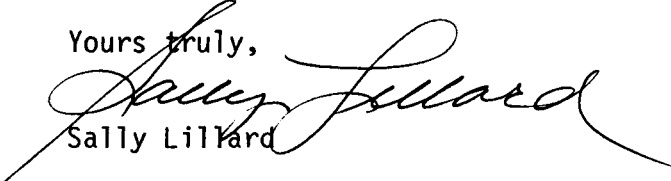
DIVISION OF OIL
GAS & MINING

Re: Sundry Notice
Spudding of Well
#24-28 Horseshoe Bend Federal
#34-22 Horseshoe Bend Federal
#33-31 Horseshoe Bend Federal
#34-~~33~~ Horseshoe Bend Federal
All in T6S-R22E, SLM
Uintah County, Utah

Gentlemen:

Enclosed please find in triplicate, copies of the Sundry Notice regarding the spud date of the captioned wells, for your information and files.

Yours truly,


Sally Lillard

/sl

enclosure

cc: State of Utah
Division of Oil Gas and Mining

